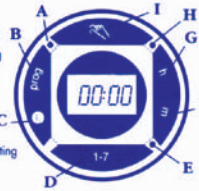
KINGSHIELD™

EASY SET PLUG IN SECURITY TIMER

OPERATING INSTRUCTIONS ▶ T51

7 DAY ELECTRONIC TIMER

A = Reset
B = Programme setting
C = Current time setting
D = Day selector
E = Random setting
F = Min button
G = Hour button
H = Summer/winter setting
I = Override switch



WARNING

As with all timers, do not use this product on open element heaters and other appliances not designed for unattended use.

1. PREPARING FOR OPERATION

Please read these instructions prior to programming, as it will enable you to get the most out of your Kingshield timer. Before programming, leave timer plugged into a switched mains socket for at least five minutes to charge the timer's internal circuitry. It can then be removed and programmed from the comfort of your armchair.
Press the small "reset button" (A) before you start programming (a ball-point pen or similar should be used to press the button).
The reset button should be used only when you want to reset the timer or want to erase all the switching and the current time settings.

2. SETTING THE PRESENT TIME AND DAY OF THE WEEK

(a) Press and **hold down** " 🕒 " (C) key **continuously.**
(b) Enter the **current day** using the 1-7 (D) key.
1 = Monday, 2 = Tuesday,....
7 = Sunday.
(c) Enter the **hour** and **minutes** using the "**h**" then the "**m**" buttons.
(Useful hint: if you keep the "**h**" or "**m**" keys pressed down for more than 2 seconds, the display will enter fast forward mode.)
(d) Release the " 🕒 " key.
The colon will blink once a second.

e.g. current time is 8:10am on Friday.

3. ENTERING THE ON/OFF TIMES

You have 20 memory locations available. (10 "on" and 10 "off").
Each on/off time can be used individually on any day(s) throughout the week, or can be set to repeat on one of the following combination of days:
(1 = Monday, 7 = Sunday).

1, 2, 3, 4, 5, 6, 7 (all days of the week)
1, 2, 3, 4, 5, 6 (Monday to Saturday)
1, 2, 3, 4, 5 (weekdays only)
6, 7 (weekends only)

Important - do not overlap switching times, it is advisable to plan beforehand. Use programme planner table.

This timer needs to differentiate between an **"on"** and **"off"** programme settings **on each** occasion, prior to entering the **"ON"/"OFF"** times. This is achieved by pressing ✎ **(I)** button on the top until the following is displayed:
◉ = time setting that follows is for the **"ON" period.**
◯ = time setting that follows is for the **"OFF" period.**

EXAMPLE

You require timer to switch on at 18:10 (6.10pm) and off at 23.30 hours (11.30pm) **every weekday.**

(I) Press prog button (B) **once** and **release.** Press ✎ button until ◉ appears to indicate the setting that follows is the **"ON" period.**
Display shows:

(II) Press **1-7** (D) button until only **1, 2, 3, 4, 5** days are all displayed to represent week days.

(III) Press the **"h"** and **"m"** buttons so that the time shows 18:10.

(IV) Press **prog** button (B) to enter next switch setting. Press ✎ until ◯ **appears** (to indicate what follows is the "OFF" setting).

(V) Press **1-7** button (D) until **1, 2, 3, 4, 5** days appear on the top.

(VI) Press the **"h"** and **"m"** buttons until display shows:

If you have not entered all the required relevant information, the timer will flash the segments not yet programmed.

If you wish to enter **additional** settings, press prog button (B) and **repeat** above steps or if programming is completed, press 🕒 button (C) so that the timer will operate to the next set programme(s).

(Important, if the override switch is set to permanently "ON" or permanently "OFF" the timer will not work to set programmes-see section on manual override).

ADDITIONAL FUNCTIONS

4. SWITCHING FROM WINTERTIME TO SUMMERTIME

When the clocks go forward, press **"+/-h"** button **once,** which will change the current time. To change the clock back by an hour, press **"+/-1h"** button **once.** Please note, if you initially programmed the timer in Summer then you will not be able to take advantage of this feature immediately. Instead adjust the time by pressing and holding down " 🕒 " and then use the **"h"** button to reduce the time by an hour. The **"+/-h"** feature can then be used next time the clocks go forward. Pre-set programme times will remain unaffected.

5. RANDOM SETTING

This is particularly useful if you wish to give a more realistic impression that you are in, as the timer will switch "ON" and "OFF" at varying times on a daily basis. **This function only works in automatic modes,** eg " 🕒 ◉ " or " 🕒 ◯ ".

Press the small **RND** button with a ball-point pen to activate feature - RND will appear on display at the bottom.

To stop the random switching, press RND button again and RND will disappear from the display.

6. MANUAL OVERRIDE SWITCH

During those occasions when you are at home early and you do not want your timer to turn the appliance on or you want to make temporary changes to the programme setting, pressing ✎ button **(I)** will perform the following role depending on what is displayed on the screen display, eg:-

◉ ✎ Temporarily ON, will stay on until next OFF setting.

◉ Permanently ON, ignores all programmed settings.

◯ Permanently OFF, ignores all programmed settings.

◯ ✎ Temporarily OFF, will stay off until next ON setting.

7. REVIEWING AND ALTERING SET PROGRAMMES

Pressing **Prog** button (B) will allow you to step through each of the settings, changes can be made at any stage by pressing the appropriate **"h"** and **"m"** buttons. It is important to ensure the "ON" days correspond with the "OFF" days and that they do not overlap.

If **Prog** button (B) is pressed repeatedly, the next available blank setting is shown, after this, the number of free setting (out of 20) available is displayed.

e.g. there are 18 ON/OFF settings remaining.

8. DELETING INDIVIDUAL SWITCHING TIMES

Press the **Prog** button repeatedly until the time you wish to delete is shown in the display. Then set to "- -" using the **"h"** or **"m"** buttons and keep 🕒 the button pressed down for around 3 seconds. "--: --" will flash for 10 - 15 seconds. The switching time is now erased and the current time displayed.

9. AM/PM TIME DISPLAY

If you press **"+/-1h"** and **"h"** button **together,** the time display switches all settings to am/pm mode. To reverse back to 24-hour mode repeat the above.

10. TECHNICAL DATA

Operating temperature:	Continuous operation 0°C to +45°C Short-term operation 0°C to +55°C
Running reserve:	5 hrs when fully charged (24 hrs)
Memory locations:	20
Shortest switching time:	1min
Programmable:	every minute

PROGRAMME PLANNER

In order to ensure that the set programmes do not overlap, it is advisable to plan beforehand, using the table below. eg. Timer required to switch on at 18.10 and off at 23.30 hours every week day.

	On ◉	Off ◯	Days 1, 2, 3, 4, 5, 6, 7
EG Prog 1	18.10	23.30	x x x x x
Prog 1			
Prog 2			
Prog 3			
Prog 4			
Prog 5			
Prog 6			
Prog 7			
Prog 8			
Prog 9			
Prog 10			

Please keep operating instructions safely for future reference.
In case of any difficulties, please ring our Customer Care line on 01279 641800 during office hours.

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